

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2010 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>RD0501</b>	Overall LMA Rating	Total LMA Miles				
<b>Reclamation District No. 0501 Ryer Island</b>	<b>U</b>	<b>20.48</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	9.41	1.50	15.41	75.24%		
Trim / Thin Trees	1.76	0.20	2.56	12.50%		
Encroachments	0.02		0.02	0.10%	0.65	0.40
Animal Control	0.51		0.51	2.49%		
Erosion / Bank Caving	0.06		0.06	0.29%		
Cracking	0.01		0.01	0.05%		
USACE Erosion Survey		0.04	0.16	0.78%		
<i>LMA Totals:</i>	11.77	1.74	18.73	91.46%	0.65	0.40

  

<b>Unit No. 01 Steamboat Slough</b>	Overall Unit Rating	Total Unit Miles				
	<b>U</b>	<b>6.76</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	6.55	0.79	9.71	143.64%		
Trim / Thin Trees	1.26	0.04	1.42	21.01%		
Encroachments	0.01		0.01	0.15%	0.51	
Animal Control	0.51		0.51	7.54%		
Erosion / Bank Caving	0.06		0.06	0.89%		
<i>Unit Totals:</i>	8.39	0.83	11.71	173.22%	0.51	0.00

  

<b>Unit No. 02 Cache Slough</b>	Overall Unit Rating	Total Unit Miles				
	<b>U</b>	<b>3.57</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	2.13		2.13	59.66%		
Trim / Thin Trees	0.03		0.03	0.84%		
Encroachments					0.08	0.29
USACE Erosion Survey		0.04	0.16	4.48%		
<i>Unit Totals:</i>	2.16	0.04	2.32	64.99%	0.08	0.29

  

<b>Unit No. 03 Miner Slough</b>	Overall Unit Rating	Total Unit Miles				
	<b>M</b>	<b>7.82</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.58		0.58	7.42%		
Trim / Thin Trees	0.27	0.13	0.79	10.10%		
Encroachments					0.05	
Cracking	0.01		0.01	0.13%		
<i>Unit Totals:</i>	0.86	0.13	1.38	17.65%	0.05	0.00

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**Overall LMA & Unit Ratings, including USACE Erosion Survey**

***Sacramento River Basin (cont.)***

Unit No. 04 Sutter Slough	Overall Unit Rating	Total Unit Miles				
	U	2.33				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.15	0.71	2.99	128.33%		
Trim / Thin Trees	0.20	0.03	0.32	13.73%		
Encroachments	0.01		0.01	0.43%	0.01	0.11
<i>Unit Totals:</i>	0.36	0.74	3.32	142.49%	0.01	0.11

**Flood Control Project Maintenance  
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**LMA District Cover Sheet**  
**Fall 2010 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2010 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway				Bank	Unit Miles
Unit No. 01 Steamboat Slough				Right	6.76
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)	
Unit Maintenance Rating (Fall Only)			<b>U</b>		
Date of Inspection	3/16/2010		11/4/2010		
DWR Inspector	Herman Phillips		Herman Phillips		
Accompanied By			Dick Taylor Reclamation District 501		
			Dick Taylor		

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough						Right	6.76	11/03/2010 11/03/2010	Herman Phillips

  

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.230288 ° 38.230288 °	-121.603781 ° -121.603781 °	1 Y
2	0.03	0.06	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.254011 ° -121.601810 °	38.253547 ° -121.602264 °	2
3	0.04	0.07	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.230288 ° 38.253518 °	-121.603781 ° -121.602252 °	4
4	0.05	0.06	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.253710 ° -121.602098 °	38.253608 ° -121.602200 °	962 Y
5	0.13	0.24	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: The District trimmed the fig trees less than 2-inches instead of removing them completely from the levee. If the tree is less than 2-inches it can be removed from the levee. The fig trees should not be on the levee anyway.	38.252764 ° -121.602715 °	38.251251 ° -121.603084 °	3 Y
6	0.13	0.37	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.252658 ° -121.602835 °	38.249205 ° -121.603128 °	67
7	0.26	0.28	Earthen Levee	Trim / Thin Trees	LS	U	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: There is a thick growth of fig trees that should be removed from levee section that blocks the view of the levee slope.	38.250927 ° -121.603107 °	38.250610 ° -121.603111 °	5 Y
8	0.30	0.35	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.250261 ° -121.603126 °	38.249562 ° -121.603105 °	6
9	0.51	0.51	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.247310 ° 121.602876 °	38.247310 ° -121.602876 °	963
10	0.54	0.54	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.246707 ° -121.602925 °	38.246707 ° -121.602925 °	69
11	0.55	0.55	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.246798 ° -121.602872 °	38.246798 ° -121.602872 °	7
12	0.66	0.70	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.245010 ° -121.602955 °	38.244523 ° -121.602940 °	18
13	0.67	0.67	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.244962 ° -121.602950 °	38.244962 ° -121.602950 °	967
14	0.68	0.70	Earthen Levee	Encroachments	LS	PO	Landscaping	38.244926 ° -121.602901 °	38.244541 ° -121.602938 °	8
15	0.69	1.20	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.244667 ° -121.602967 °	38.237470 ° -121.604418 °	71
16	0.70	0.75	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.244540 ° -121.602937 °	38.243835 ° -121.603057 °	10

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Steamboat Slough						Right	6.76	11/03/2010 11/03/2010	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
17	0.75	0.94	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: There is wild berries growing on levee slope and toe that blocks the view of the levee.	38.243835 ° -121.603057 °	38.241204 ° -121.603568 °	9 Y
18	1.00	1.17	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.240333 ° -121.603863 °	38.237953 ° -121.604482 °	969
19	1.22	1.86	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.237268 ° -121.604424 °	38.228141 ° -121.604157 °	12
20	1.31	2.16	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.235877 ° -121.604325 °	38.223788 ° -121.603603 °	970
21	1.55	1.74	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Took 1 photo of the wild growth of berries. On slope and toe. 100-0656 7/7.	38.232531 ° -121.603485 °	38.229930 ° -121.603892 °	13 Y
22	2.04	2.10	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.225500 ° -121.603887 °	38.224738 ° -121.603750 °	26
23	2.24	2.29	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.222758 ° -121.603348 °	38.222030 ° -121.603303 °	27
24	2.36	2.37	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.221045 ° -121.603584 °	38.220902 ° -121.603631 °	964
25	2.44	4.14	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.219976 ° -121.604168 °	38.197748 ° -121.616084 °	14
26	2.55	2.60	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.218470 ° -121.605105 °	38.217875 ° -121.605532 °	32
27	2.67	2.73	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.217030 ° -121.606303 °	38.216408 ° -121.607057 °	34
28	2.84	3.31	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.215112 ° -121.608273 °	38.208925 ° -121.611162 °	36
29	2.92	2.97	Earthen Levee	Encroachments	LS	PO	Landscaping	38.214235 ° -121.608993 °	38.213547 ° -121.609527 °	37
30	3.20	3.24	Earthen Levee	Encroachments	LS	PO	Landscaping	38.210429 ° -121.610503 °	38.209974 ° -121.610703 °	15
31	3.27	3.33	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.209548 ° -121.610882 °	38.208632 ° -121.611275 °	41
32	3.34	3.36	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level. Inspector Comments: The District need to do a better job in controlling the wild growth of trees on the levee section.	38.208468 ° -121.611348 °	38.208292 ° -121.611437 °	43 Y
33	3.55	5.08	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.205654 ° -121.612549 °	38.194993 ° -121.631661 °	28

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough							Right	6.76	11/03/2010 11/03/2010	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
34	3.60	3.66	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.204983 ° -121.612868 °	38.204227 ° -121.613045 °	47
35	3.74	3.76	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.202997 ° -121.613447 °	38.202730 ° -121.613520 °	49
36	3.76	3.80	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.202820 ° -121.613498 °	38.202197 ° -121.613732 °	50
37	3.76	3.80	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.202812 ° -121.613495 °	38.202213 ° -121.613733 °	51
38	3.76	4.16	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.202818 ° -121.613545 °	38.197492 ° -121.616342 °	79
39	3.77	4.14	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.202657 ° -121.613553 °	38.197778 ° -121.616080 °	974
40	3.80	4.14	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild growth of berries 3-5 foot tall from shoulder to toe of slope. Two photos taken.	38.202193 ° -121.613735 °	38.197748 ° -121.616083 °	16 Y
41	4.00	4.07	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.198350 ° 38.197710 °	-121.615500 ° -121.616110 °	11 Y
42	4.18	4.24	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.197277 ° -121.616550 °	38.196657 ° -121.617286 °	17
43	4.18	4.37	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.197254 ° -121.616522 °	38.195576 ° -121.619088 °	29
44	4.41	4.41	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.195332 ° -121.619749 °	38.195310 ° -121.619801 °	19
45	4.98	4.99	Earthen Levee	Encroachments	LS	M	Equipment	38.195057 ° -121.629965 °	38.195068 ° -121.630173 °	977
46	5.36	5.36	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.193346 ° -121.636419 °	38.193346 ° -121.636419 °	25
47	5.42	5.46	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.192878 ° -121.637332 °	38.192588 ° -121.637802 °	978
48	5.75	5.79	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.190590 ° -121.642468 °	38.190246 ° -121.643164 °	24
49	5.92	6.21	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.188929 ° -121.644645 °	38.185941 ° -121.648359 °	20
50	6.53	6.73	Earthen Levee	Encroachments	WS	PO	Fences	38.184540 ° -121.653865 °	38.183924 ° -121.657321 °	21
51	6.53	6.73	Earthen Levee	Encroachments	WS	PO	Landscaping	38.184539 ° -121.653865 °	38.183923 ° -121.657321 °	22

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough				Right	6.76	11/03/2010 11/03/2010	Herman Phillips

  

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
52	6.63	6.67	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.184136 ° -121.655762 °	38.184040 ° -121.656291 °	23

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/03/2010 11/03/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Rd 501 Levee mile 0.00 land side looking downstream from Unit 1, wild growth of walnut trees on slope. Photo taken 11-03-2010	
phillips_f_20101108_298.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 501 Levee mile 0.00 looking downstream from water side. View of wild berries on slope and shoulder. Photo taken 11-03-2010	
phillips_f_20101108_299.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.05
End Levee Mile	0.06
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
photo show wild growth of fog trees on shoulder and slope of levee, not able to see the leve slope at all. Photo taken 11-03-2010	
phillips_f_20101104_297.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

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Unit No. 01 Steamboat Slough	Right	6.76	11/03/2010 11/03/2010	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	0.13
End Levee Mile	0.24
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

levee mile 0.13 District need to remove the Fig trees from levee section on the land side, not trim them up like shown in this photo. All these shown here are less than 2-inches in diameter.

phillips\_f\_20101108\_300.jpg



Levee Mile Report Line	7
Start Levee Mile	0.26
End Levee Mile	0.28
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

This is a view of unsatisfactory Fig growth on the levee section land side looking downstream from levee mile 0.26 to 0.28. This phot was taken 11-03-2010 No change since last inspection.

phillips\_f\_20101108\_301.jpg



Levee Mile Report Line	17
Start Levee Mile	0.75
End Levee Mile	0.94
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The berries here completely blocks the view of the levee section. Standing at levee mile 0.75 looking downstream to levee mile 0.94. Photo taken 11-03-2010

phillips\_f\_20101104\_293.jpg



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**Flood Control Project Maintenance  
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Unit No. 01 Steamboat Slough	Right	6.76	11/03/2010 11/03/2010	Herman Phillips

Levee Mile Report Line	21
Start Levee Mile	1.55
End Levee Mile	1.74
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 1.55 looking downstream landside slope is covered with wild berries. Taken 11-03-2010

phillips\_f\_20101104\_294.jpg



Levee Mile Report Line	32
Start Levee Mile	3.34
End Levee Mile	3.36
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Wild growth of trees on the landward shoulder and slope on levee. Standing at levee mile 3.34 looking downstream to levee mile 3.36.

phillips\_f\_20101104\_296.jpg



Levee Mile Report Line	40
Start Levee Mile	3.80
End Levee Mile	4.14
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This section here shows that the berry vines are taller than the cab of the truck, you can't see the slope or toe because of the wild growth.

phillips\_f\_20101104\_295.jpg



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N : Not Inspected/Rated  
C : Corrected  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/03/2010 11/03/2010	Herman Phillips

Levee Mile Report Line	41
Start Levee Mile	4.00
End Levee Mile	4.07
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking downstream from levee mile 4.00 waterside sadnwillows block view of slope. 11-03-2010	
phillips_f_20101108_302.jpg	

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2010 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway			Bank	Unit Miles
Unit No. 02 Cache Slough			Left	3.57

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	3/16/2010		9/23/2010	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By			Dick Taylor RD 501	

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/03/2010 11/03/2010	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.08	Earthen Levee	Encroachments	WS PO	Fences		38.184050 ° -121.657713 °	38.185178 ° -121.658515 °	2
2	0.00	0.29	Earthen Levee	Encroachments	WS CO	Landscaping		38.184053 ° -121.657713 °	38.188020 ° -121.658045 °	1
3	0.10	2.89	Earthen Levee	Animal Control	LS C	Exterminate rodents and backfill and compact or grout burrows.		38.228967 ° -121.672237 °	38.218500 ° -121.669783 °	17
4	0.31	1.15	Earthen Levee	Vegetation	WS C	Remove the wild growth other than native grasses from the levee slopes.		38.188107 ° -121.658012 °	38.199775 ° -121.655375 °	14
5	0.44	0.44	Earthen Levee	Vegetation	LS M	Remove the wild growth other than native grasses from the levee slopes.		38.207621 ° -121.656219 °	38.207621 ° -121.656219 °	13 Y
6	0.53	0.53	Earthen Levee	Trim / Thin Trees	WS M	Trim and thin trees to allow visibility of the ground and room to flood fight.		38.191117 ° -121.656468 °	38.191170 ° -121.656437 °	11
7	0.77	0.93	Earthen Levee	Cracking	CR C	Monitor and have inspected by geotechnical engineer. Inspector Comments: This District unit 2 and unit 3 has been known for cracks in crown roadway and both shoulders. CalTrans has plans for future repairs to the road way as per the District in unit 1. I mentioned the cracking to Daniel and showed him photos of the same.		38.194277 ° -121.655182 °	38.196728 ° -121.655322 °	907
8	0.98	1.16	Earthen Levee	Crown Surface / Depressions / Rutting	CR C	Keep the crown roadway free of vegetation.		38.197318 ° -121.655395 °	38.199902 ° -121.655320 °	4
9	1.07	1.11	Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes.		38.198602 ° -121.655605 °	38.199148 ° -121.655490 °	8
10	1.13	1.17	Supplemental	USACE Erosion Survey	WS U	Inspector Comments: 2009: 3 ft berm, 2:1 slope, holes and slumping, clays and cobbles, 10.9 ft/s [2009 SiteID:CHS_15-9_L]		38.200147 ° -121.655639 °	38.199531 ° -121.655836 °	20 Y
11	1.23	1.31	Earthen Levee	Cracking	CR C	Monitor and have inspected by geotechnical engineer. Inspector Comments: The repairs has been complete prior to 11-03-2010.		38.200907 ° -121.655187 °	38.201998 ° -121.655053 °	908
12	1.30	1.40	Earthen Levee	Cracking	CR C	Monitor and have inspected by geotechnical engineer.		38.201928 ° -121.655008 °	38.203362 ° -121.654865 °	6
13	1.48	1.71	Earthen Levee	Cracking	CR C	Monitor and have inspected by geotechnical engineer.		38.204375 ° -121.655042 °	38.207620 ° -121.656207 °	7
14	1.74	1.76	Earthen Levee	Encroachments	WS C	Debris		38.207977 ° -121.656065 °	38.208178 ° -121.655760 °	9
15	1.83	2.12	Earthen Levee	Cracking	CR C	Monitor and have inspected by geotechnical engineer.		38.209170 ° -121.655662 °	38.210392 ° -121.660483 °	10
16	1.98	3.02	Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes.		° °	° °	3

**\* Location**

LS : Land Side  
WS : Water Side  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough				Left	3.57	11/03/2010 11/03/2010	Herman Phillips

  

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
17	1.98	3.02	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.207621 ° -121.656219 °	38.220184 ° -121.670834 °	5
18	3.07	3.53	Earthen Levee	Cracking	CR	C	Monitor and have inspected by geotechnical engineer.	38.220990 ° -121.671332 °	38.227270 ° -121.673082 °	909
19	3.43	3.43	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.225823 ° -121.672837 °	38.225823 ° -121.672837 °	16
20	3.44	3.44	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.225987 ° -121.672870 °	38.225987 ° -121.672870 °	18

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/03/2010 11/03/2010	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	0.44
End Levee Mile	0.44
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Standing on land side looking down stream from levee mile 0.44 RD 501 Unit 2. Taken 11-03-2010

phillips\_f\_20101201\_361.jpg



Levee Mile Report Line	5
Start Levee Mile	0.44
End Levee Mile	0.44
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Water side from levee mile 0.44 looking downstream Unit 2 RD 501. Taken 11-03-2010

phillips\_f\_20101201\_362.jpg



Levee Mile Report Line	10
Start Levee Mile	1.13
End Levee Mile	1.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: 3 ft berm, 2:1 slope, holes and slumping, clays and cobbles, 10.9 ft/s [2009 SiteID:CHS\_15-9\_L]

phillips\_f\_20100923\_156.JPG



**\* Location**

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WS : Water Side  
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2010 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway			Bank	Unit Miles
Unit No. 03 Miner Slough			Left	7.82

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	3/16/2010		9/23/2010	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By			MR. Dick Taylor RD 501	

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 03 Miner Slough							Left	7.82	11/03/2010 11/03/2010	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°	1	
								°	°	Y	
2	0.61	0.62	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.234213 ° -121.665748 °	38.234290 ° -121.665657 °	5	
3	1.57	1.57	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.246660 ° -121.688600 °	38.666000 ° -121.690000 °	43	
4	1.74	1.75	Earthen Levee	Cracking	CR	M	Monitor and have inspected by geotechnical engineer. Inspector Comments: This area was discovered by the District and we were given a call to come out and inspect. Photos were taken and I mentioned this to Daniel, he has seen the photos District is working with their Engineering Department and the Highway Department to make repairs of this problem.	38.247300 ° -121.658142 °	38.247377 ° -121.657997 °	10	
5	1.81	1.81	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.247820 ° -121.657192 °	38.247833 ° -121.657137 °	11	
6	2.23	2.27	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.253727 ° -121.655487 °	38.254223 ° -121.655133 °	14	
7	2.60	2.75	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level. Inspector Comments: Photo 14/14 100-0672 w/s trees. Levee mile 2.60	38.257445 ° -121.651437 °	38.258759 ° -121.651449 °	3	
8	2.65	2.77	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: took two photos 15/16 100-0673 16/16 100-0674.	38.257278 ° -121.651417 °	38.259067 ° -121.651462 °	16	
										Y	
9	3.40	3.40	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.264602 ° -121.644355 °	38.264602 ° -121.644355 °	4	
10	3.52	3.55	Earthen Levee	Trim / Thin Trees	WS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: photo 17/17 100-0675 l/m 3.52	38.265523 ° -121.642537 °	38.265778 ° -121.642243 °	21	
										Y	
11	3.62	3.90	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.266655 ° -121.641495 °	38.270148 ° -121.641530 °	46	
12	3.69	3.70	Earthen Levee	Trim / Thin Trees	LS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Wild growth has completely covered the slope on landside. There need to be some brush removal to see slope.	38.267485 ° -121.640667 °	38.267578 ° -121.640507 °	22	
										Y	
13	3.71	3.73	Earthen Levee	Encroachments	LS	PO	Buildings	38.267642 ° -121.640452 °	38.267907 ° -121.640327 °	23	
14	3.73	3.80	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.267927 ° -121.640332 °	38.268932 ° -121.640597 °	24	

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough							Left	7.82	11/03/2010 11/03/2010	Herman Phillips
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
15	4.06	4.16	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.272307 ° -121.641668 °	38.273723 ° -121.641085 °	47
16	5.57	5.75	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District in process of burning both water side and land side of the remainder of this unit working their way to unit 4.	38.289092 ° -121.643378 °	38.289662 ° -121.640412 °	27
17	6.43	6.52	Earthen Levee	Trim / Thin Trees	WS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: 19/19 100-0677 l/m 6.35 waterside.trees. 6.52 end.	38.290750 ° -121.628772 °	38.290268 ° -121.627285 °	6 Y
18	7.10	7.28	Earthen Levee	Cracking	CR	C	Monitor and have inspected by geotechnical engineer.	38.289652 ° -121.617083 °	38.288195 ° -121.614512 °	53
19	7.15	7.27	Earthen Levee	Cracking	CR	C	Monitor and have inspected by geotechnical engineer.	38.289428 ° -121.616178 °	38.288267 ° -121.614598 °	52
20	7.65	7.65	Earthen Levee	Encroachments	LS	PO	Stairways	38.286785 ° -121.608583 °	38.286785 ° -121.608583 °	40
21	7.67	7.69	Earthen Levee	Encroachments	LS	PO	Landscaping	38.286653 ° -121.608398 °	38.286342 ° -121.608183 °	33
22	7.76	7.82	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.285807 ° -121.607258 °	38.285502 ° -121.606112 °	34

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/03/2010 11/03/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 0.00 Unit 3 looking downstream on land side. Taken 11-03-2010

phillips\_f\_20101115\_303.jpg



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Standing on waterside levee slope Unit 3 RD 501 Levee mile 0.00 looking downstream at levee. Taken 11-03-2010

phillips\_f\_20101201\_366.jpg



Levee Mile Report Line	8
Start Levee Mile	2.65
End Levee Mile	2.77
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

2.65 looking upstream from downstream end waterside.

phillips\_f\_20100923\_122.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/03/2010 11/03/2010	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	2.65
End Levee Mile	2.77
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking upstream from levee mile 2.77.

phillips\_f\_20100923\_123.jpg



Levee Mile Report Line	10
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking downstream from Levee mile 3.52 wild growth has overtaken slope on waterside. Taken 11-03-2010

phillips\_f\_20100923\_124.jpg



Levee Mile Report Line	10
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 3.52 standing on waterside looking upstream wild growth. Photo taken 11-03-2010

phillips\_f\_20100923\_125.jpg



**\* Location**

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WS : Water Side  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/03/2010 11/03/2010	Herman Phillips

Levee Mile Report Line	10
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 3.55 land side tree growth on slope, you can't see the slope for wild growth. These trees has not been trimmed. Photo taken 11-03-2010

phillips\_f\_20100923\_126.jpg



Levee Mile Report Line	12
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 3.69 tree growth has blocked view of levee on the land side.

phillips\_f\_20100923\_127.jpg



Levee Mile Report Line	12
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking downstream from 3.70 tall growth continues down stream from this point. Taken 11-03-2010

phillips\_f\_20100923\_128.jpg



**\* Location**

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WS : Water Side  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/03/2010 11/03/2010	Herman Phillips

Levee Mile Report Line	17
Start Levee Mile	6.43
End Levee Mile	6.52
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 6.43 water side the wild growth blocks view of water ward slope, looking downstream. You can't see the levee section for the wild growth.

phillips\_f\_20100923\_114.jpg



Levee Mile Report Line	17
Start Levee Mile	6.43
End Levee Mile	6.52
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Wild growth continues downstream, levee section blocked by growth.

phillips\_f\_20100923\_115.jpg



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WS : Water Side  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2010 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway			Bank	Unit Miles
Unit No. 04 Sutter Slough			Right	2.33
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	3/16/2010		9/23/2010	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By			None None	

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway						Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 04 Sutter Slough						Right	2.33	11/04/2010 11/04/2010		Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.285591 ° -121.606317 °	38.285591 ° -121.606317 °	5 Y
2	0.02	0.02	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	38.254025 ° -121.601752 °	38.254025 ° -121.601752 °	25
3	0.50	1.15	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.263086 ° -121.601883 °	38.270839 ° -121.604413 °	3 Y
4	0.79	0.79	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.275540 ° -121.602223 °	38.275473 ° -121.602248 °	4
5	1.01	1.01	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.272733 ° -121.603940 °	38.272700 ° -121.603953 °	7
6	1.21	1.34	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District need to remove the wild berries from the levee section	38.263086 ° 121.601883 °	38.268178 ° 121.603763 °	1
7	1.26	1.27	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.269173 ° -121.604218 °	38.269050 ° -121.604170 °	9
8	1.50	1.56	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.265997 ° -121.602758 °	38.265233 ° -121.602510 °	26
9	1.63	1.63	Earthen Levee	Encroachments	WS	M	Garbage	38.264223 ° -121.602140 °	38.264223 ° -121.602140 °	6
10	1.67	1.76	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.263565 ° -121.602013 °	38.262287 ° -121.601722 °	12
11	1.84	1.87	Earthen Levee	Trim / Thin Trees	LS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: The District needs to remove the fig trees from levee section or thin them out in order for inspection of levee section. The young oak trees shown in the photo should be remove before they mature into large trees.	38.261142 ° -121.601542 °	38.260653 ° -121.601435 °	14 Y
12	1.84	1.85	Earthen Levee	Encroachments	LS	PO	Landscaping	38.261283 ° -121.601488 °	38.261032 ° -121.601635 °	8
13	2.05	2.11	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.258276 ° -121.600798 °	38.263086 ° 121.601883 °	2 Y
14	2.18	2.20	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.256275 ° -121.600933 °	38.255990 ° -121.601015 °	13
15	2.21	2.32	Earthen Levee	Encroachments	LS	CO	Landscaping	38.255877 ° -121.601057 °	38.254382 ° -121.601498 °	16

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/04/2010 11/04/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Standing upstream of levee mile 0.00 landside looking downstream of Unit 4 RD 501. Photo taken 11-04-2010

phillips\_f\_20101201\_370.jpg



Levee Mile Report Line	3
Start Levee Mile	0.50
End Levee Mile	1.15
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking downstream land side wild growth taking over the slope continuing onward downstream to levee mile 1.15

phillips\_f\_20100923\_215.jpg



Levee Mile Report Line	3
Start Levee Mile	0.50
End Levee Mile	1.15
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Standing upstream of levee mile 1.15 Unit 4 RD 501 landside looking downstream at wild growth of Horse Tail on levee slope. You can't see the slope for the growth. Taken 11-03-2010

phillips\_f\_20101201\_367.jpg



**\* Location**

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WS : Water Side  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/04/2010 11/04/2010	Herman Phillips

Levee Mile Report Line	11
Start Levee Mile	1.84
End Levee Mile	1.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 1.84 looking downstream landside oak tree growth cover slope from hinge point to toe as seen in this photo.

phillips\_f\_20100923\_216.jpg



Levee Mile Report Line	11
Start Levee Mile	1.84
End Levee Mile	1.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking back upstream from landside the fig trees has not been maintained, they block the shoulder and slope of the levee section as well as hanging over the levee.

phillips\_f\_20100923\_217.jpg



Levee Mile Report Line	13
Start Levee Mile	2.05
End Levee Mile	2.11
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Standing up stream of levee mile 2.05 looking downstream at unsatisfactory growth of wild berries on landside slope toe and shoulder of levee section. Taken 11-03-2010

phillips\_f\_20101201\_368.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/04/2010 11/04/2010	Herman Phillips

Levee Mile Report Line	13
Start Levee Mile	2.05
End Levee Mile	2.11
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Downstream view of the wild growth of berries on the landside slope unit 4 RD 501, levee mile 2.11. This wild makes impossible to inspect the levee slope. Taken 11-03-2010

phillips\_f\_20101201\_369.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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M : Minimally Acceptable      CO : Completely Obstructing      W : Watch/Monitor  
U : Unacceptable      N : Not Inspected/Rated